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PATENT  
Attorney Docket No.: AVARS-02700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                      |   |                                  |
|--------------------------------------|---|----------------------------------|
| In re Application of:                | ) | Group Art Unit: 2661             |
| Mansour J. Karam et al.              | ) | Examiner:                        |
| Serial No.: 10/070,338               | ) | <b><u>TRANSMITTAL LETTER</u></b> |
| Filed: December 12, 2002             | ) | 162 N. Wolfe Road                |
| For: <b>METHOD AND APPARATUS FOR</b> | ) | Sunnyvale, CA 94086              |
| <b>CHARACTERIZING THE</b>            | ) | (408) 530-9700                   |
| <b>QUALITY OF NETWORK PATH</b>       | ) | Customer No.: 28960              |

MS: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

A Supplemental Information Disclosure Statement, a Certification pursuant to 37 C.F.R. § 1.97(e) and Form PTO-1449, including copies of the references contained thereon are enclosed for filing in the U.S. Patent and Trademark Office.

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1275. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 2-27-06

By: Thomas B. Haverstock  
Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicants

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP.  
Date: 2/27/06 By: [Signature]



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| Filed: December 12, 2002             | ) | <b><u>CERTIFICATION FOR</u></b>             |
|                                      | ) | <b><u>SUPPLEMENTAL INFORMATION</u></b>      |
| For: <b>METHOD AND APPARATUS FOR</b> | ) | <b><u>DISCLOSURE STATEMENT UNDER 37</u></b> |
| <b>CHARACTERIZING THE</b>            | ) | <b><u>CFR § 1.97(e)</u></b>                 |
| <b>QUALITY OF NETWORK PATH</b>       | ) | 162 North Wolfe Road                        |
|                                      | ) | Sunnyvale, CA 94086                         |
|                                      | ) | (408) 530-9700                              |
|                                      | ) | Customer No.: 28960                         |

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This certification is being made for the Supplemental Information Disclosure Statement accompanying this certification.

**Certification**

I, the person signing below, hereby certify that the printed publications contained in the enclosed supplemental information disclosure statement were cited within an Official Action mailed on January 5, 2006. **Accordingly, I hereby certify that no reference contained within this supplemental information disclosure statement was cited in a communication from a foreign patent office in a related foreign application, and, to the knowledge of the person signing the statement, after making reasonable inquiry, no reference contained within this supplemental information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this supplemental information disclosure statement. 37 C.F.R. 1.97(e)(2)**

**CERTIFICATE OF MAILING (37 CFR § 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

**HAVERSTOCK & OWENS LLP.**

Date: 2/27/06 By: [Signature]

**Identification of Person Making Certification**

The person making this certification is the attorney who signs below on the basis of the information in the attorney's file.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 2-27-06

By: 

Thomas B. Haverstock  
Reg. No.: 32,571

Attorneys for Applicants



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|                                      |   | Customer No.: 28960                    |

MS: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

Applicants have become aware of the following printed publications which may be material to the examination of this application:

- U.S. Patent No.: 6,385,643 B1;
- U.S. Patent No.: 6,453,356 B1;
- U.S. Patent No.: 6,493,353 B2;
- U.S. Patent No.: 6,601,101 B1;
- U.S. Patent No.: 6,704,768 B1;
- U.S. Patent No.: 6,751,562 B1;
- U.S. Patent No.: 6,826,613 B1;
- U.S. Patent No.: 6,839,745 B1;
- U.S. Patent No.: 6,981,055 B1;
- U.S. Publication No.: 2002/0101821 A1; and

CERTIFICATE OF MAILING (37 CFR § 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

HAVERSTOCK & OWENS LLP.

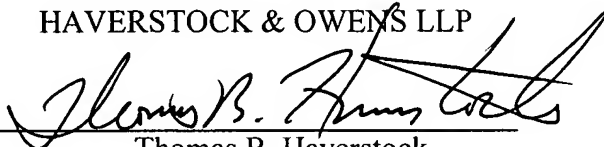
Date: 2/27/06 By: [Signature]

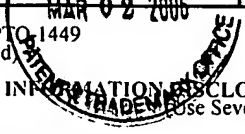
- U.S. Publication No.: 2002/0184527 A1.

This Supplemental Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that anyone or more of these citations constitutes prior art.

Respectfully submitted,  
HAVERSTOCK & OWENS LLP

Dated: 2-27-06

By:   
Thomas B. Haverstock  
Reg. No.: 32,571  
Attorneys for Applicants

|                                                                                                             |  |                                                            |  |                                     |  |                                |  |
|-------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|--|-------------------------------------|--|--------------------------------|--|
|  FORM PTO-1449<br>(Modified) |  | U.S. Department of Commerce<br>Patent and Trademark Office |  | Attorney Docket No.: AVARS-02700    |  | Serial No.: 10/070,338         |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT<br>(Use Several Sheets If Necessary)                          |  |                                                            |  | Applicants: Mansour J. Karam et al. |  | Filing Date: December 12, 2002 |  |
| (37 CFR § 1.98(b))                                                                                          |  |                                                            |  | Group Art Unit: 2661                |  |                                |  |

| U.S. PATENT DOCUMENTS |                        |                 |                      |       |          |             |  |
|-----------------------|------------------------|-----------------|----------------------|-------|----------|-------------|--|
| Examiner Initials     | Serial / Patent Number | Issue Date      | Applicant / Patentee | Class | Subclass | Filing Date |  |
|                       | AA                     | 6,385,643 B1    | Jacobs et al.        | 709   | 203      | 9/23/99     |  |
|                       | AB                     | 6,453,356 B1    | Sheard et al.        | 709   | 231      | 4/15/98     |  |
|                       | AC                     | 6,493,353 B2    | Kelly et al.         | 370   | 467      | 5/7/98      |  |
|                       | AD                     | 6,601,101 B1    | Lee et al.           | 709   | 227      | 3/15/00     |  |
|                       | AE                     | 6,704,768 B1    | Zombek et al.        | 709   | 201      | 11/8/00     |  |
|                       | AF                     | 6,751,562 B1    | Blackett et al.      | 702   | 61       | 3/22/01     |  |
|                       | AG                     | 6,826,613 B1    | Wang et al.          | 709   | 227      | 3/15/00     |  |
|                       | AH                     | 6,839,745 B1    | Dingari et al.       | 709   | 219      | 10/10/00    |  |
|                       | AI                     | 6,981,055 B1    | Ahuja et al.         | 709   | 238      | 8/22/00     |  |
|                       | AJ                     | 2002/0101821 A1 | Feldmann et al.      | 370   | 232      | 6/7/01      |  |
|                       | AK                     | 2002/0184527 A1 | Chun et al.          | 713   | 201      | 9/19/01     |  |

| FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS |    |                 |                  |                         |       |          |             |    |
|----------------------------------------------------------|----|-----------------|------------------|-------------------------|-------|----------|-------------|----|
|                                                          |    | Document Number | Publication Date | Country / Patent Office | Class | Subclass | Translation |    |
|                                                          |    |                 |                  |                         |       |          | Yes         | No |
|                                                          | AL |                 |                  |                         |       |          |             |    |
|                                                          | AM |                 |                  |                         |       |          |             |    |
|                                                          | AN |                 |                  |                         |       |          |             |    |
|                                                          | AO |                 |                  |                         |       |          |             |    |

| OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) |    |  |
|---------------------------------------------------------------------------------------|----|--|
|                                                                                       | AP |  |
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|                                                                                                                                                                             |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Examiner:                                                                                                                                                                   | Date Considered: |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                  |